TITLE: Process for Recovering Paraxylene Utilizing Ammonia Absorption Refrigeration
INVENTORS: Jeffrey A. Amelse
SHEET: 1 of 6
CASE #: 37,370
ATTY: Nirav Patel

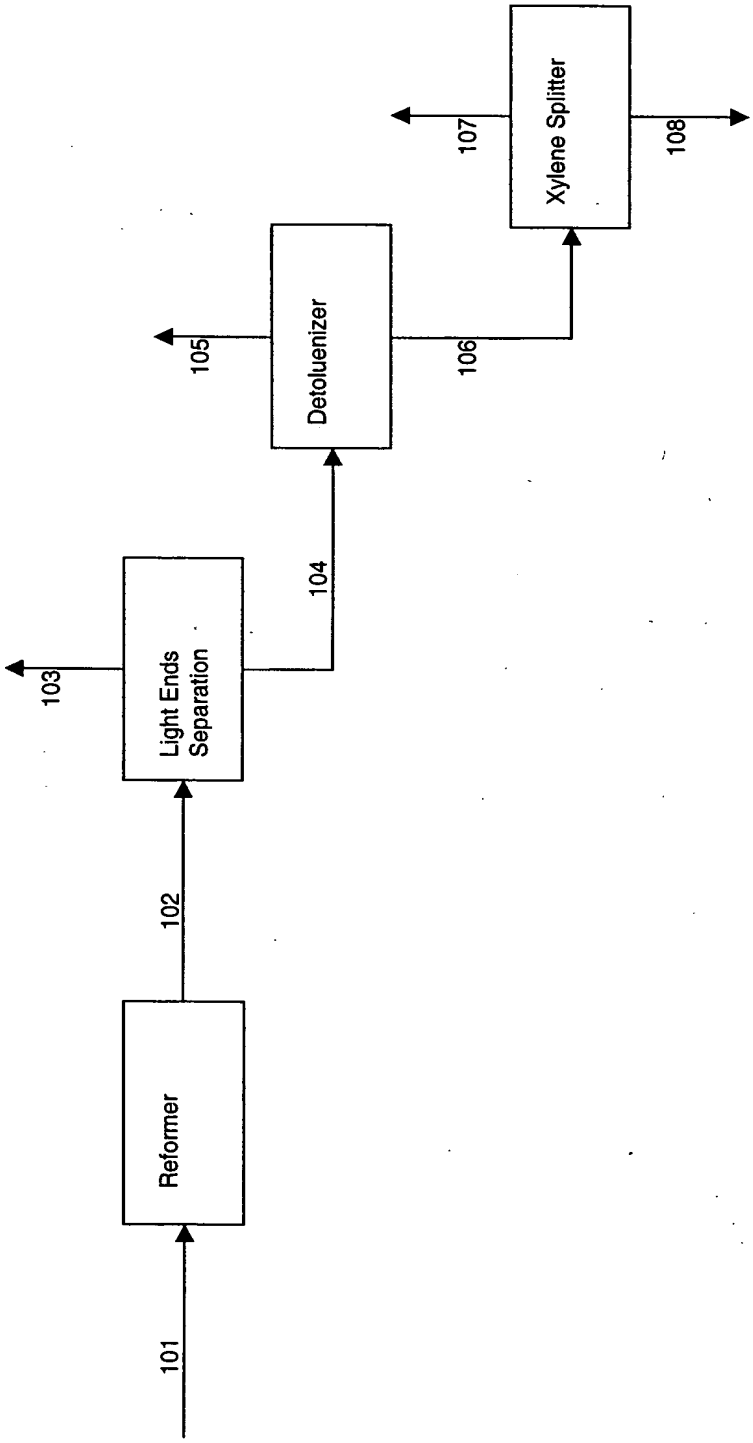


Figure 1
Isolating Mixed Xylenes From Reformate

TITLE: Process for Recovering Paraxylene Utilizing Ammonia Absorption Refrigeration
INVENTORS: Jeffrey A. Amelse
SHEET: 2 of 6
CASE #: 37,370
ATTY: Nirav Patel

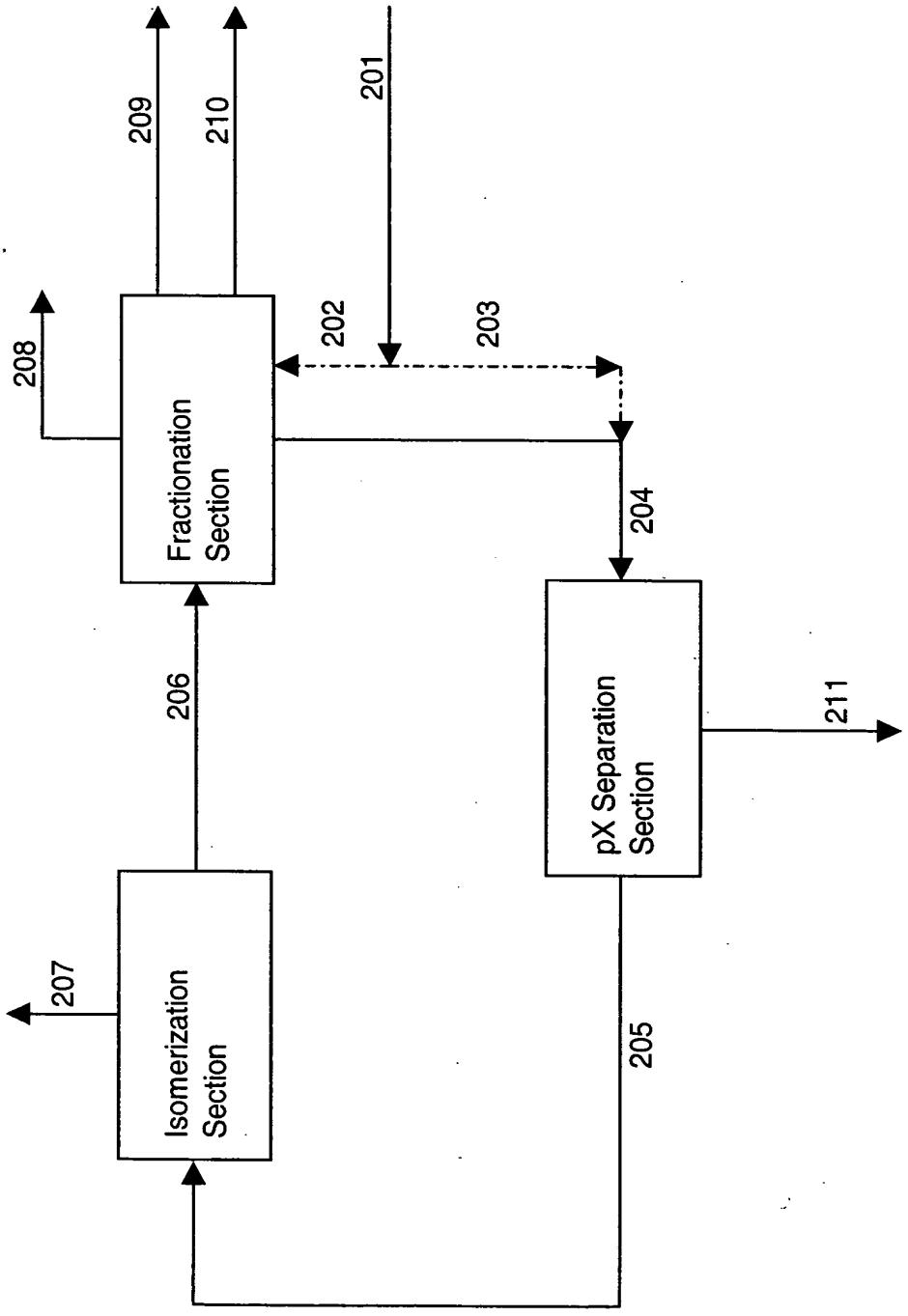
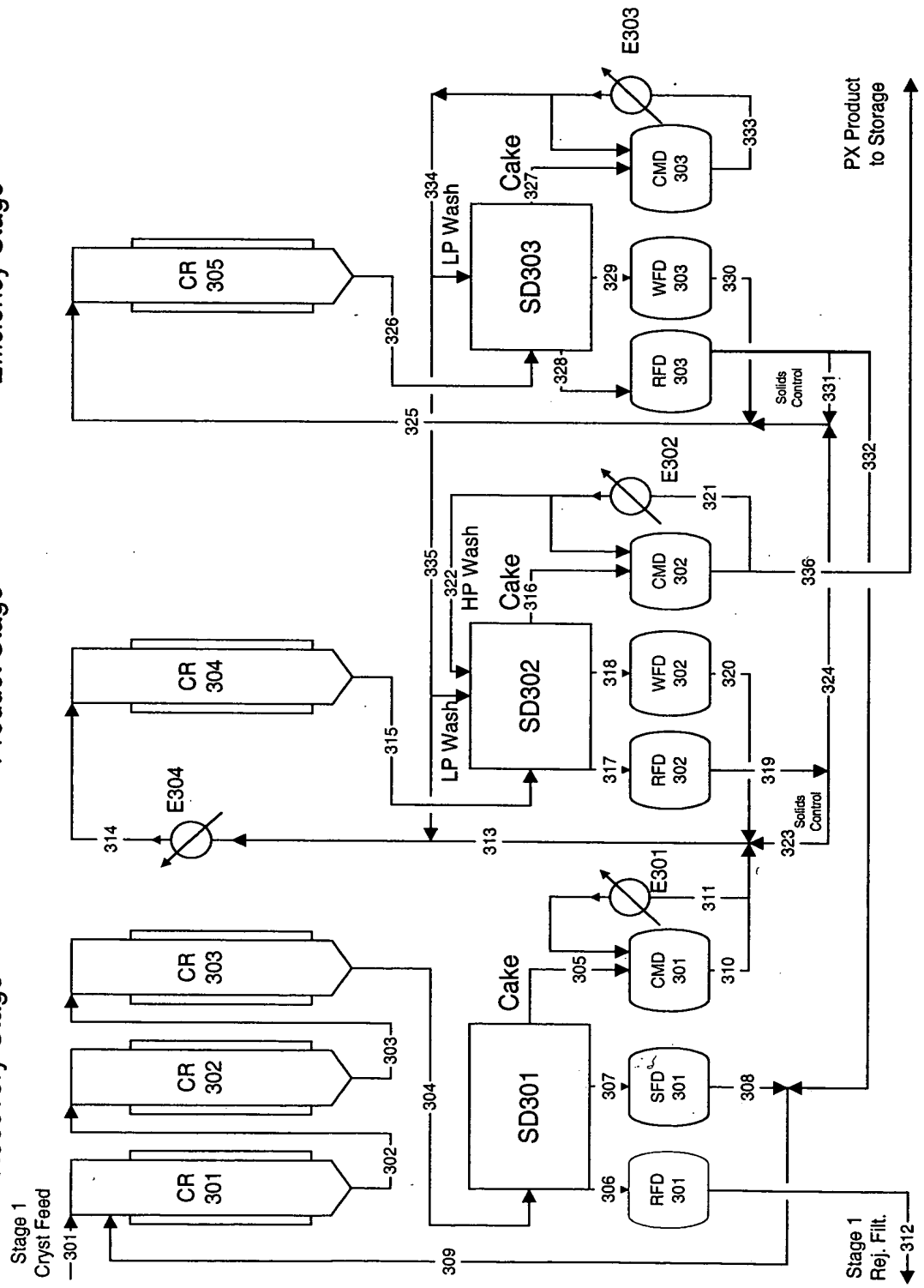


Figure 2
Generic Xylene Isomerization Process

TITLE: Process for Recovering Paraxylene Utilizing Ammonia Absorption Refrigeration
INVENTORS: Jeffrey A. Amelse
SHEET: 3 of 6
CASE #: 37,370
ATTY: Nirav Patel

Figure 3
Three Stage pX Crystallization Section



TITLE: Process for Recovering Paraxylene Utilizing Ammonia Absorption Refrigeration
INVENTORS: Jeffrey A. Amelse
SHEET: 4 of 6
CASE #: 37,370
ATTY: Nirav Patel

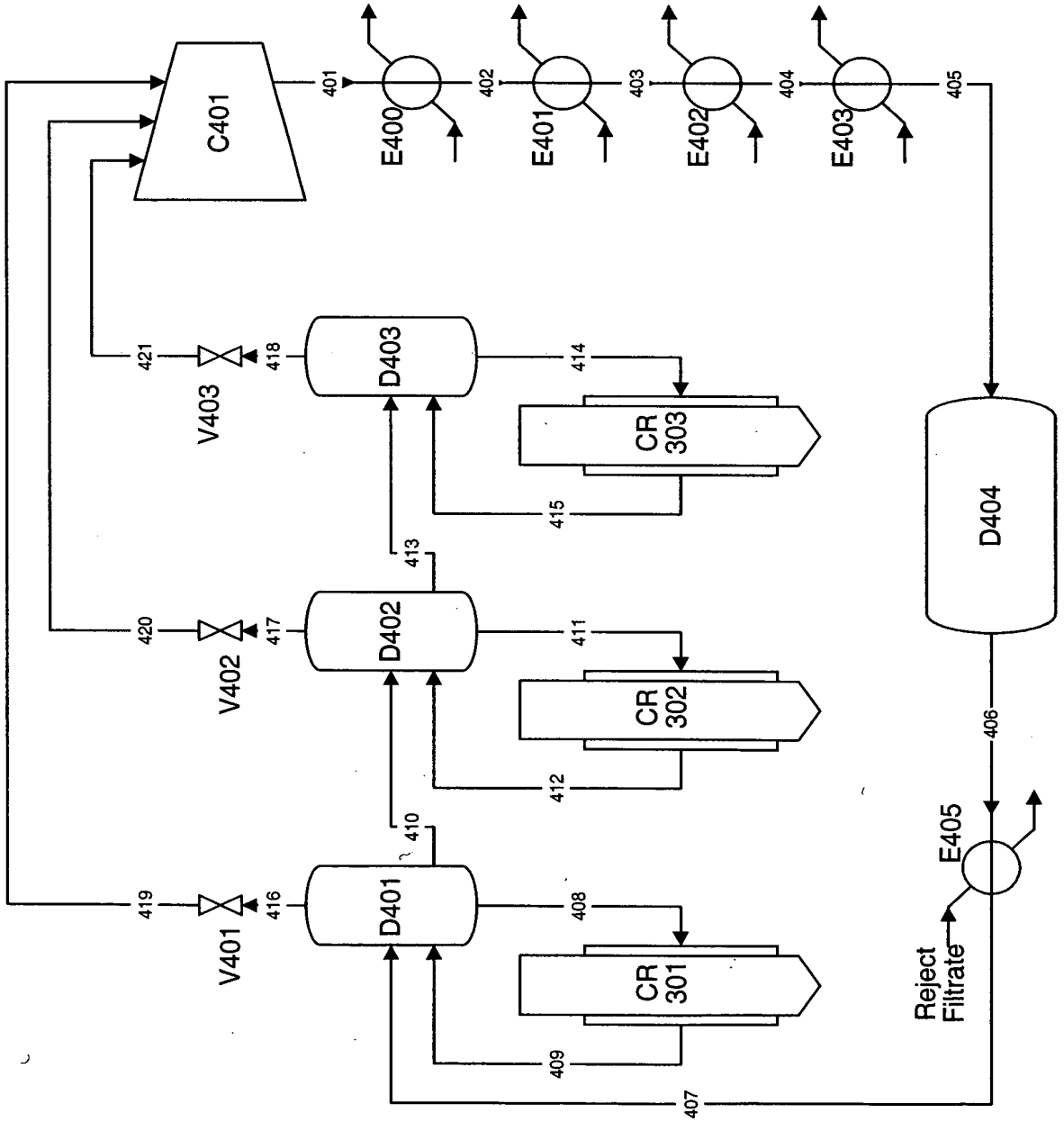


Figure 4
Three-Stage Crystallization Ethylene Refrigeration Loop

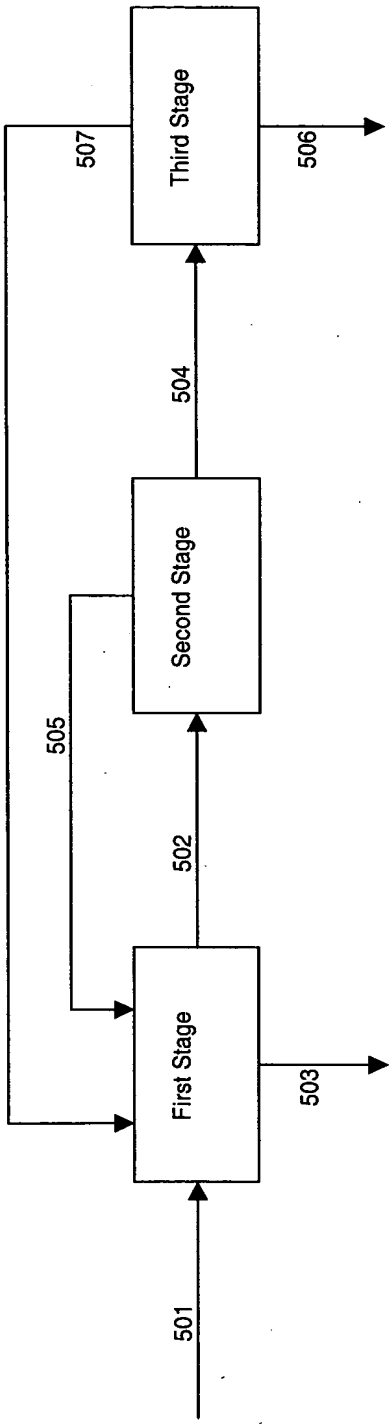


Figure 5
Crystallization Section for Recovering pX From STDP Xylenes

TITLE: Process for Recovering Paraxylene Utilizing Ammonia Absorption Refrigeration
INVENTORS: Jeffrey A. Amelse
SHEET: 6 of 6
CASE #: 37,370
ATTY: Nirav Patel

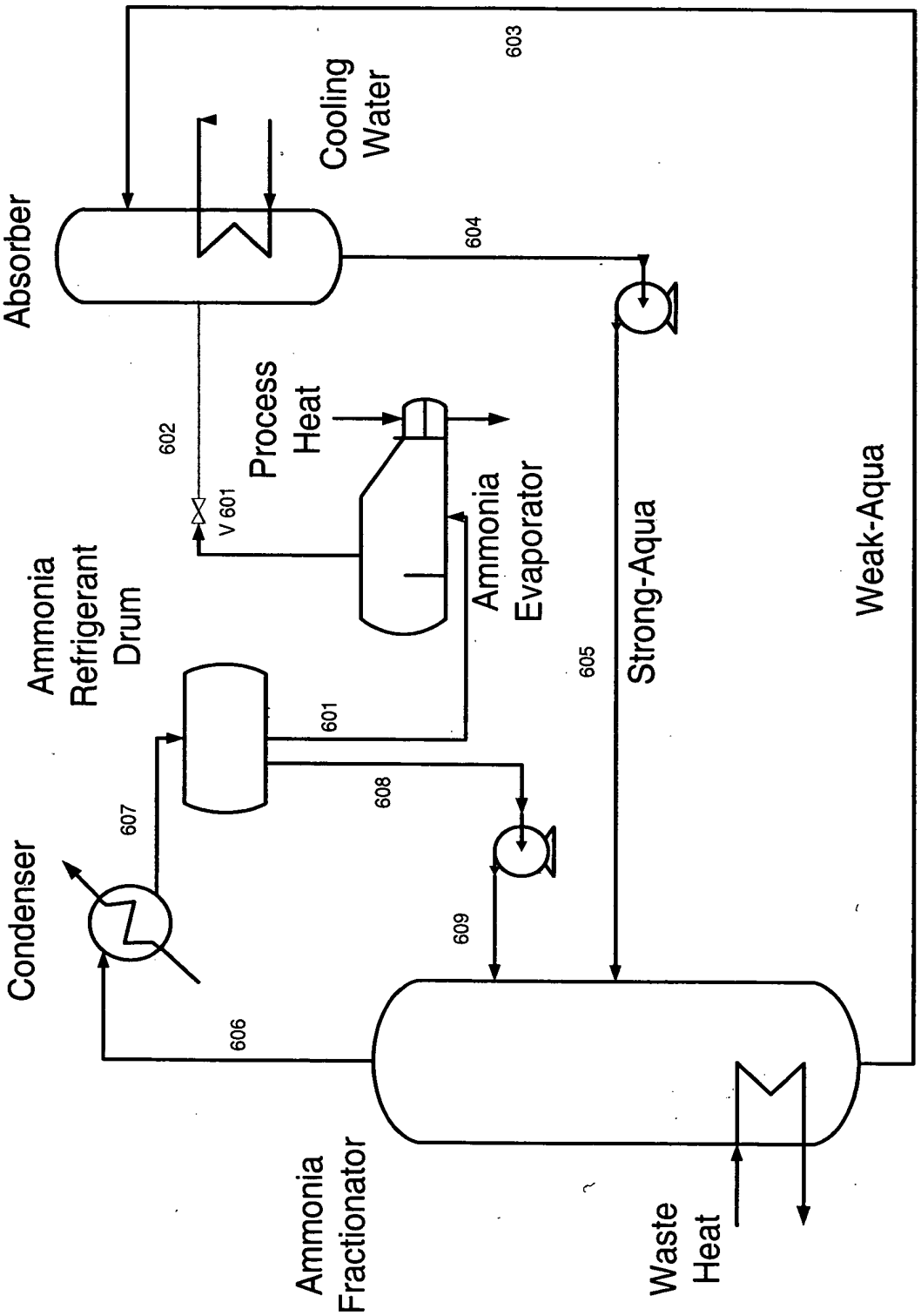


Figure 6
Single Stage AAR Process